TOSOTT" T3250001

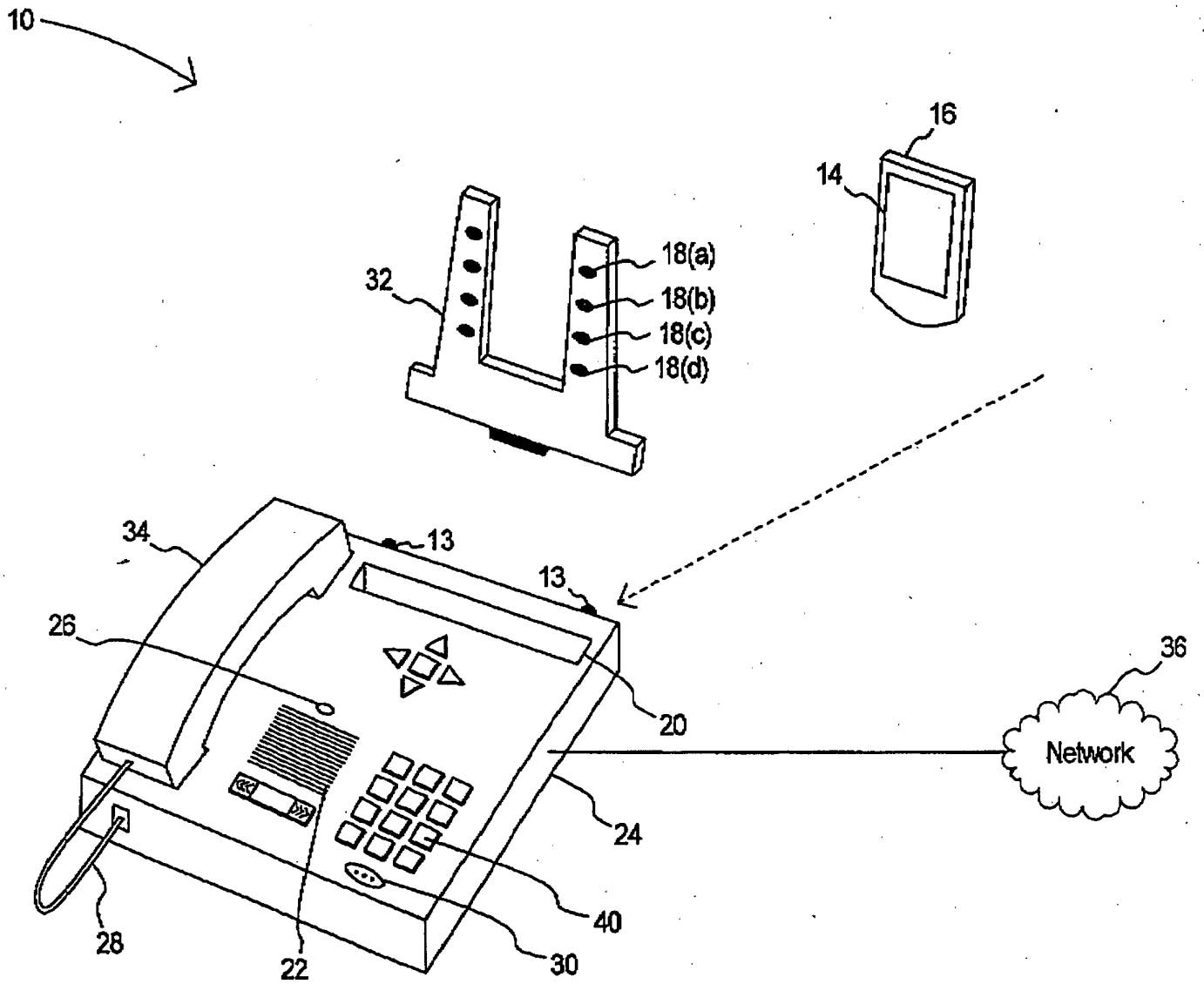

Figure 1

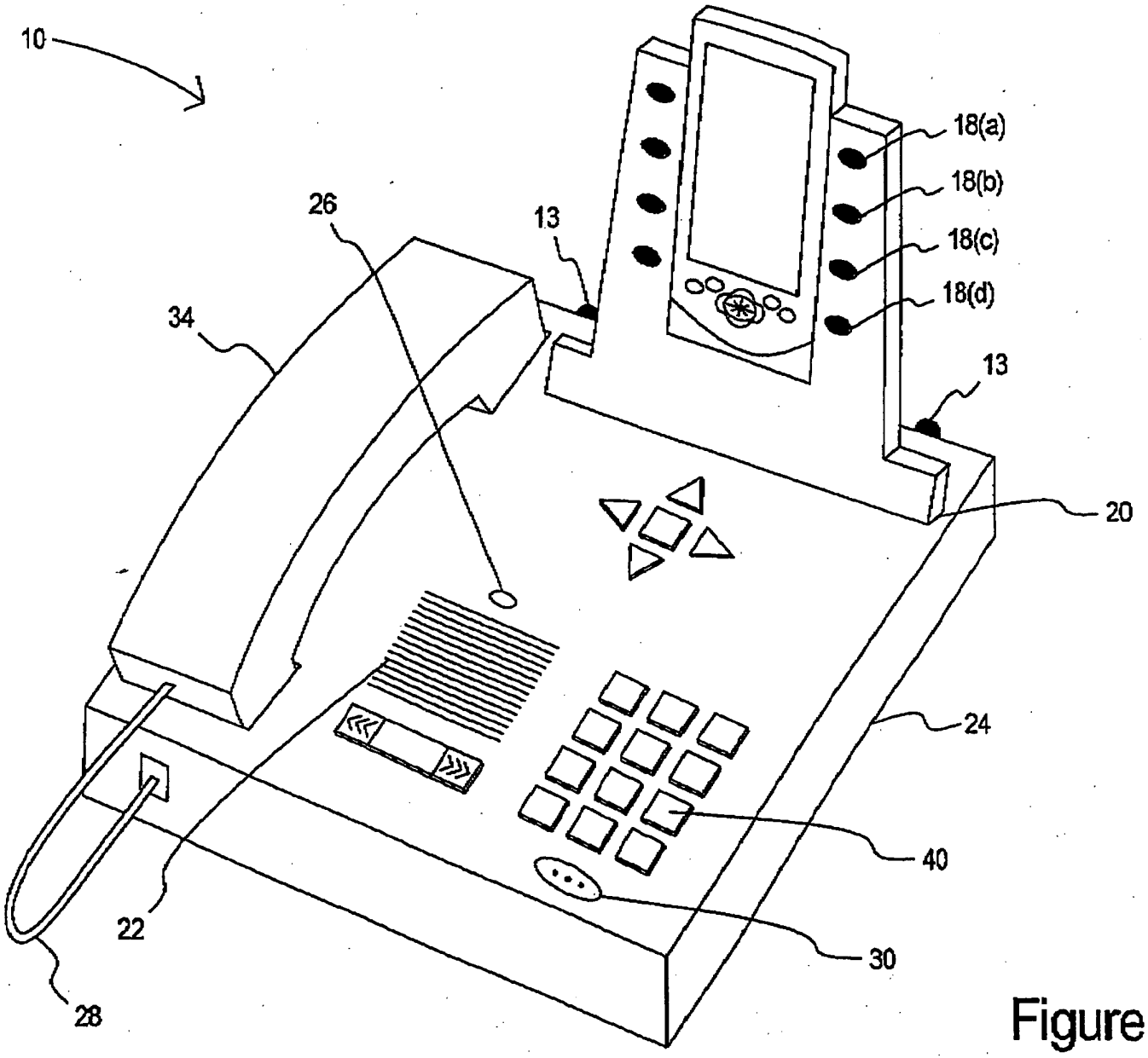

Figure 2

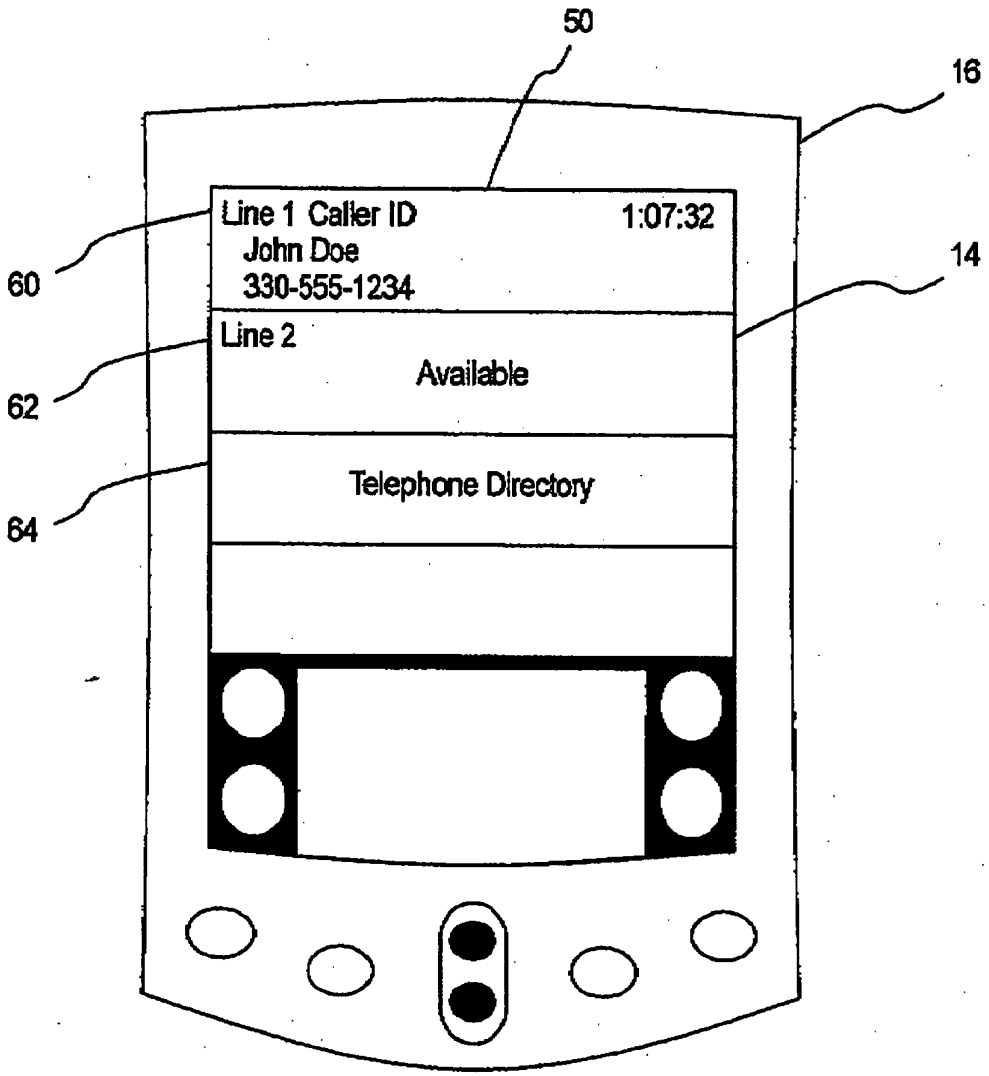
50
16
Line 1 Caller ID
1:07:32
John Doe
330-555-1234
60
14
Line 2
Available
62
Telephone Directory
64

Figure 3a

TOSOFT 18280001

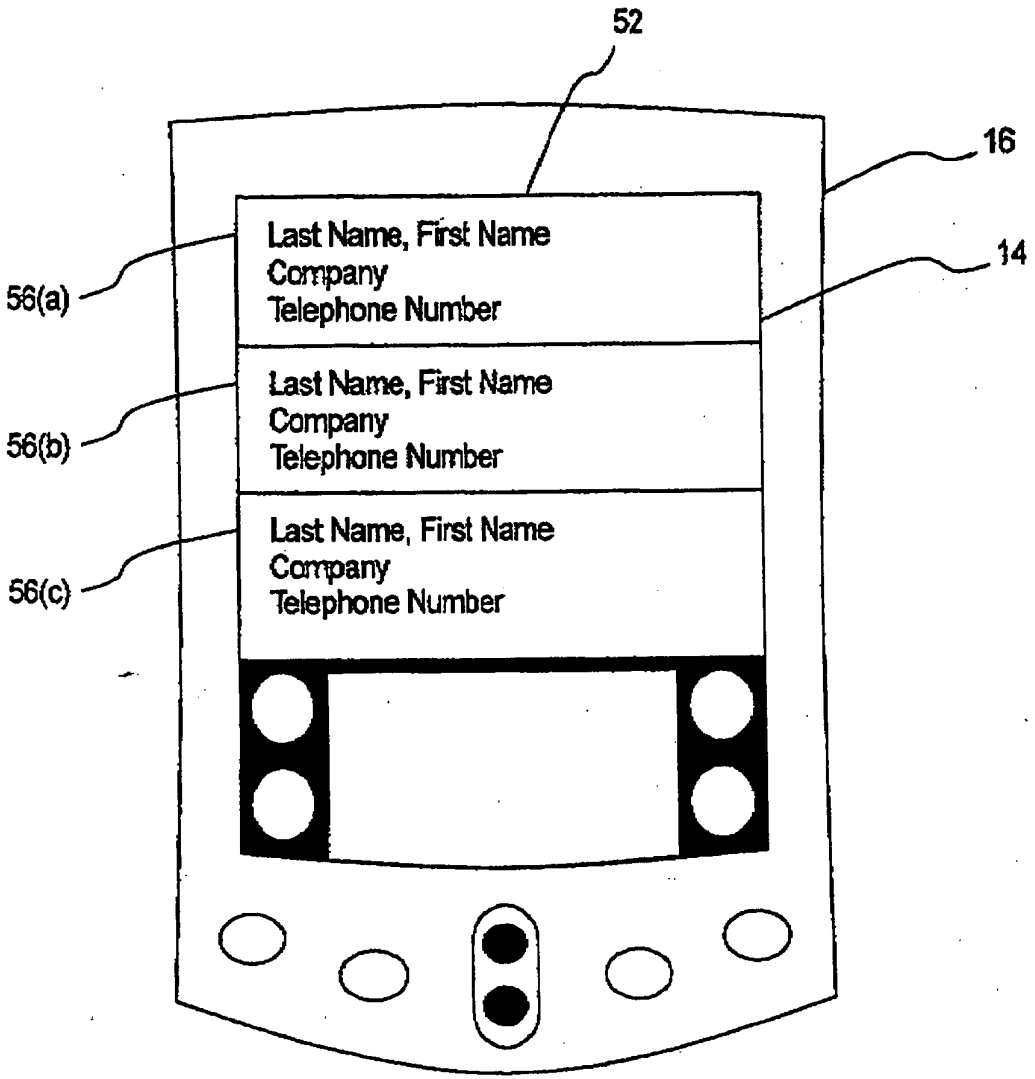

Figure 3b

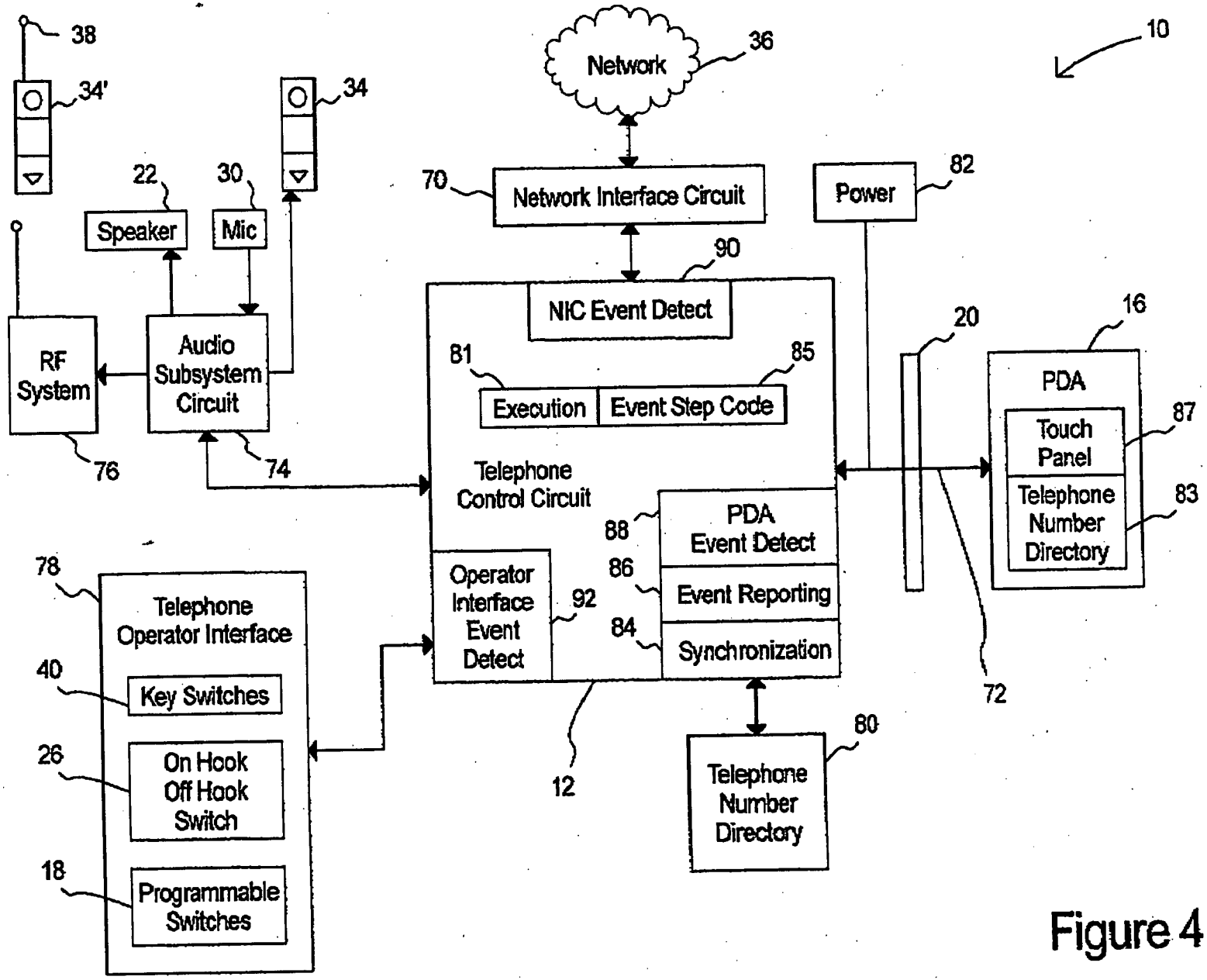
38
34'
34
Network
36
10
22
30
Speaker
Mic
70
Network Interface Circuit
Power
82
90
NIC Event Detect
20
16
RF System
Audio Subsystem Circuit
81
85
Execution
Event Step Code
PDA
Touch Panel
87
76
74
Telephone Control Circuit
Telephone Number Directory
83
88
PDA Event Detect
78
Telephone Operator Interface
Operator Interface Event Detect
92
86
Event Reporting
84
Synchronization
72
40
Key Switches
80
26
On Hook Off Hook Switch
12
Telephone Number Directory
18
Programmable Switches

Figure 4

FOSOIT' T8280001

	Current State	Operator Interface Event	Telephone Network Interface Event	PDA Event	Processing Steps
94	Standby	Off hook event		Off hook event	Transition to off hook DT state
	Standby		Ringing event		Transition to ring state
	Standby	Telephone directory selection event		Telephone directory selection event	Transition to off hook DT state Dial in accordance with selected telephone number
96	Ring	Off hook event		Off hook event	Transition to off hook call state
	Ring		Receive Caller ID		Report Caller ID information to PDA
	Ring		Termination of ring event		Transition to standby state
98	Off hook call	On hook event		On hook event	Transition to standby state
	Off hook call		Termination of audio stream		Transition to standby state
	Off hook call	Key switch activation event		Key switch activation event	Generate scratch pad tone
95	Off hook DT	On hook event		On hook event	Transition to standby state
	Off hook DT	Key switch activation event		Key switch activation event	Generate scratch pad tones Setup call with dialed telephone number

Figure 5

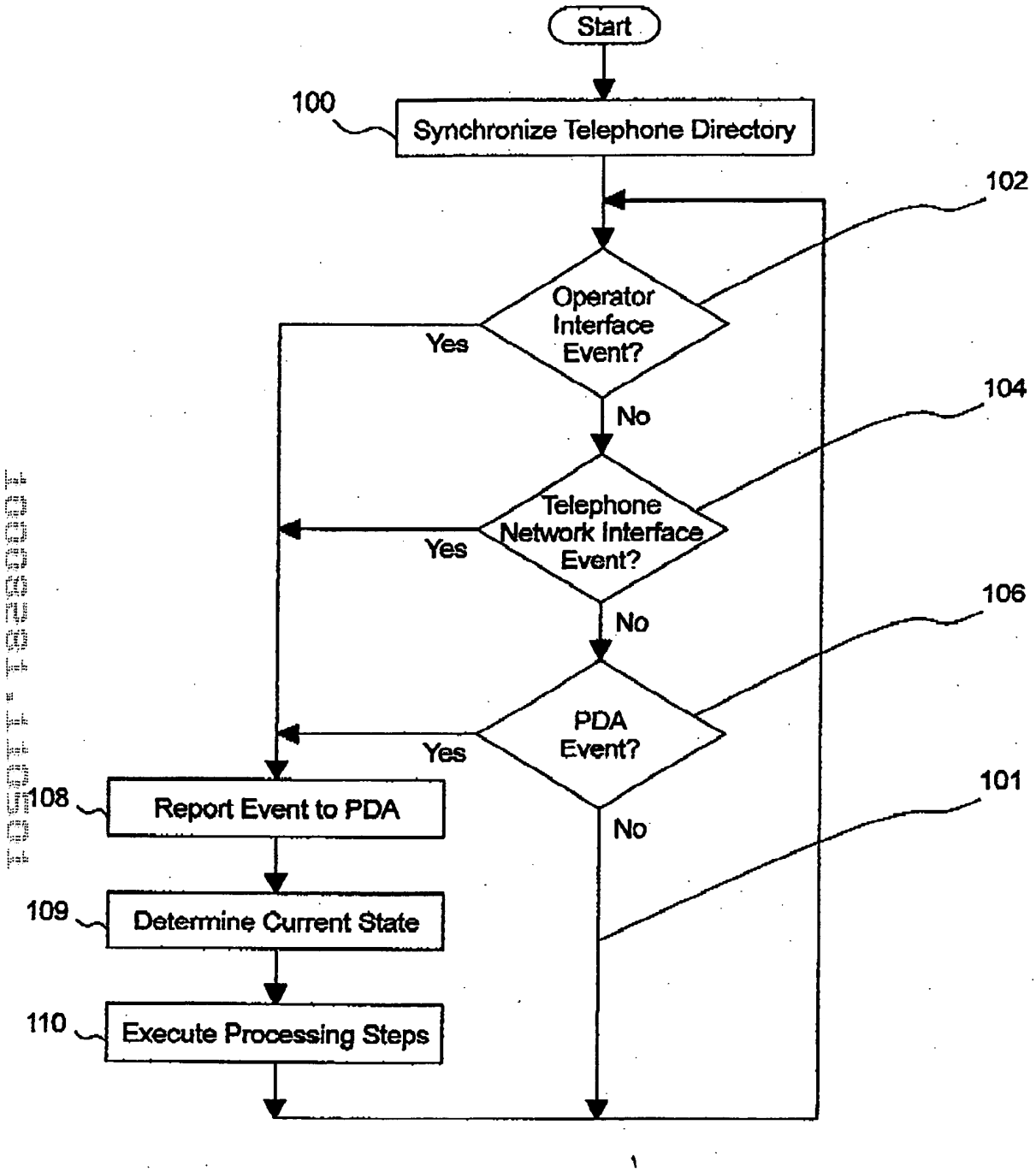
Start
100
Synchronize Telephone Directory
102
Operator Interface Event?
Yes
No
104
Telephone Network Interface Event?
Yes
No
106
PDA Event?
Yes
No
101
108
Report Event to PDA
109
Determine Current State
110
Execute Processing Steps

Figure 6

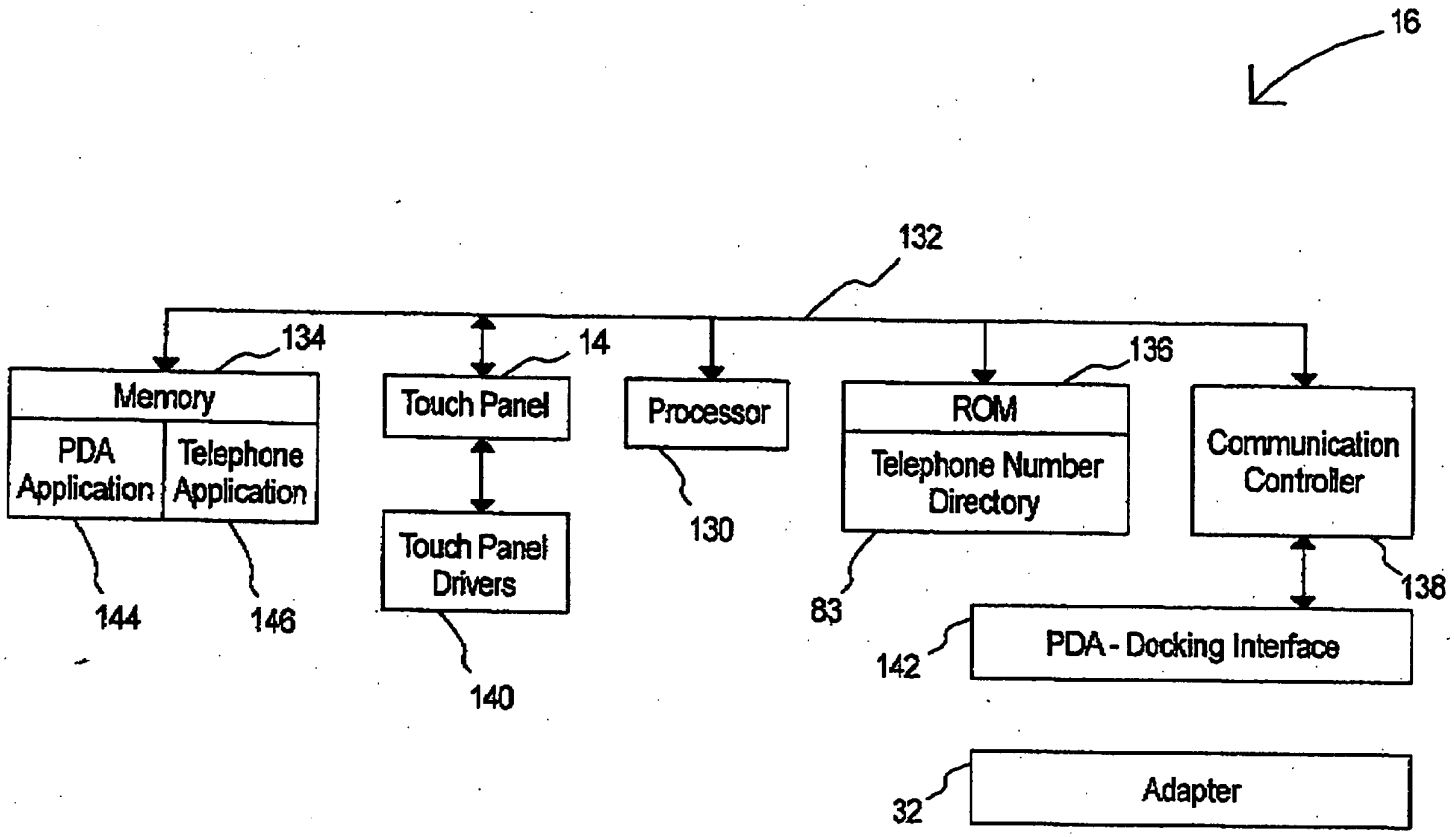
16
132
134
14
136
Memory
PDA Application
Telephone Application
Touch Panel
Processor
ROM
Telephone Number Directory
Communication Controller
144
146
Touch Panel Drivers
130
140
83
138
142
PDA - Docking Interface
32
Adapter

Figure 7

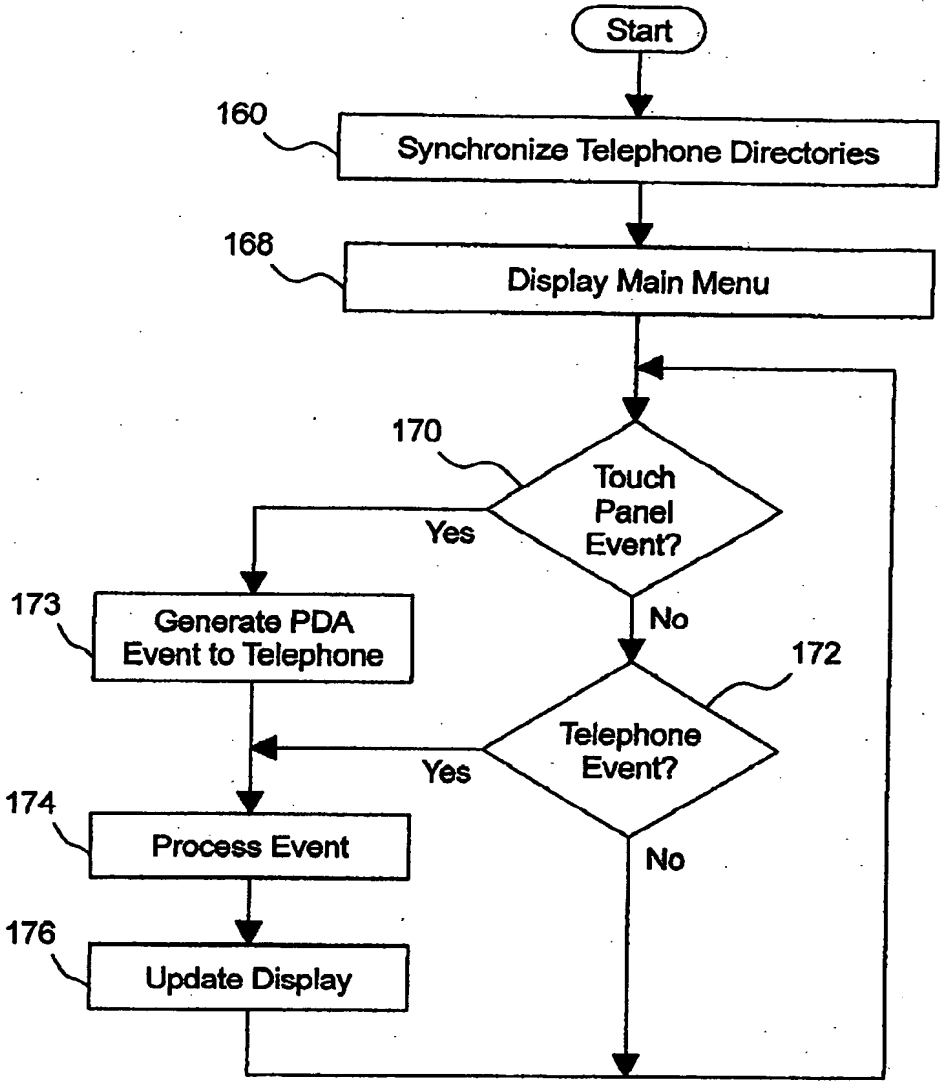
Start
160
Synchronize Telephone Directories
168
Display Main Menu
170
Touch Panel Event?
Yes
No
173
Generate PDA Event to Telephone
172
Telephone Event?
Yes
No
174
Process Event
176
Update Display

Figure 8